

FILE NOTATIONS

Entered in NID File ✓
 Entered On S R Sheet ✓
 Location Map Pinned ✓
 Card Indexed ✓
 I W R for State or Fee Land

Checked by Chief *PME*
 Copy NID to Field Office ✓
 Approval Letter ✓
 Disapproval Letter

COMPLETION DATA:

Date Well Completed 9-30-63
 OW WW TA
 GW OS PA ✓

Location Inspected USGS
 Bond released
 State of Fee Land

LOGS FILED

Driller's Log 10-4-63
 Electric Logs (No.) 2

E I E-I ✓ GR GR-N ✓ Micro
 Lat. Mi-L Sonic Others

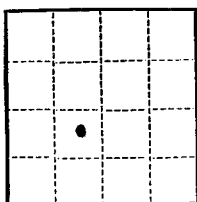
AI JVED IN ACC ANCE WITH CAUSE #

Conditional upon 150' surface casing

Conditional upon a plat being received,

PLAT RECEIVED Aug. 24, 1963

Mr. Larsen informed this office that this well was never drilled. It was leased to Mr. Bush and he skidded the rig to the Bush-Federal #9-1 location. This information was given by Mr. Larsen by telephone conversation on February 3, 1964. Mr. Larsen spudded only a few feet and then it was leased to Mr. Bush.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office _____

Lease No. Utah-084981

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 19, 1963

George Larsen Federal
Well No. 21 is located 1900 ft. from IX line and 1900 ft. from IX line of sec. 11

NE 1/4

(1/4 Sec. and 1 Sec. No.)

20 S

(Twp.)

23 E

(Range)

SLBM

(Meridian)

South Cisco Springs

(Field)

Grand

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is 4746 ft. (per attached)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

Set three strings of surface casing or approximately 150 feet of 7" J55 casing, with shoe. Circulate cement to surface by pump and plug method. Will drill to a TD of approximately 2400 feet in order to test the Mancos shale, Dakota, Morrison and Entrada Formations. If commercial production is obtained we will run and cement 4 1/2" casing to top of pay. Cement with thirty-five (35) sacks.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company George N. Larsen

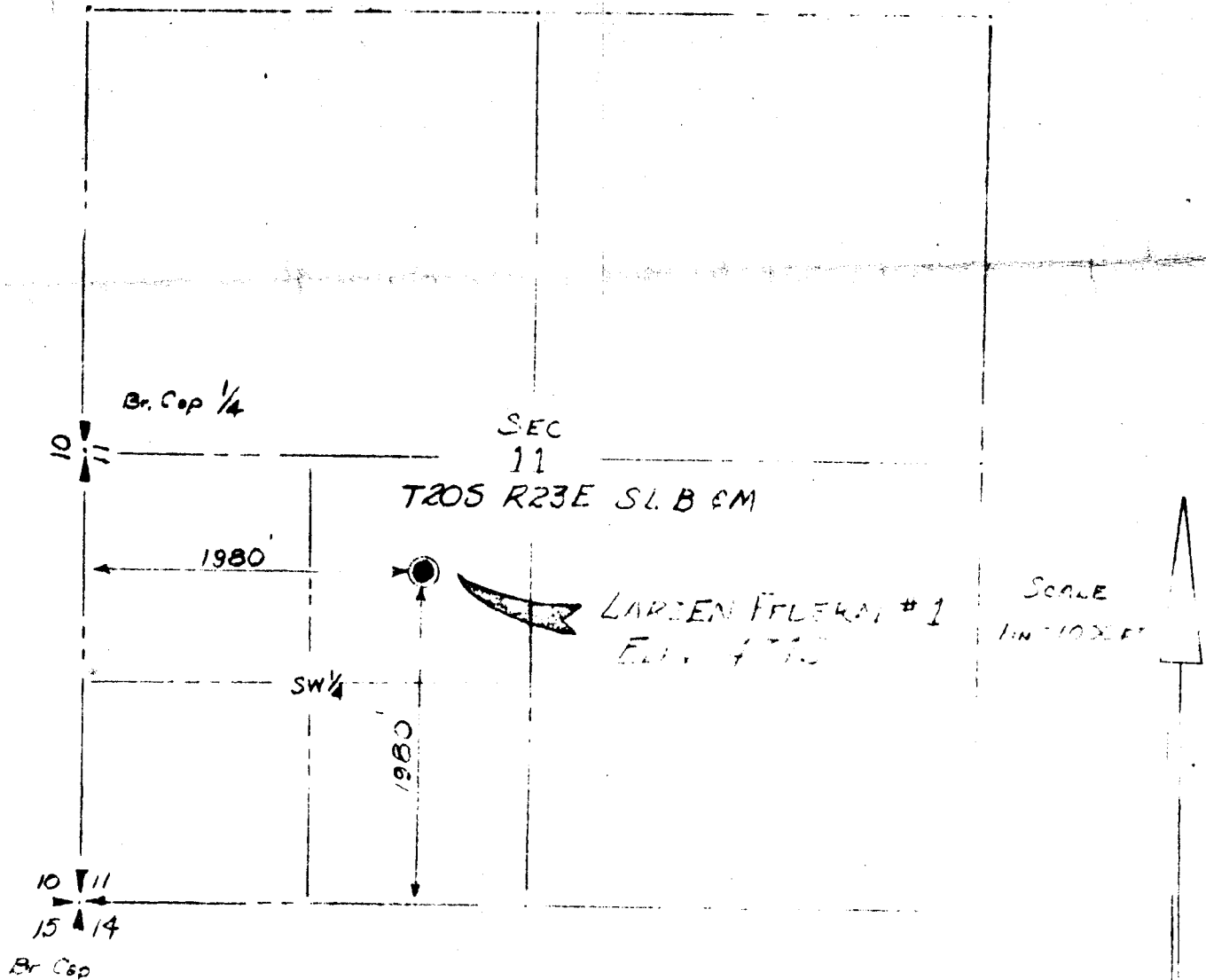
Address Continental Bank Building

Salt Lake City, Utah

By George N. Larsen

Title _____

ELEVATION BASED ON 4740 FT. ELEV. OF 3 STATED CORNER IN SEC. 15, NE $\frac{1}{4}$ NE $\frac{1}{4}$ NE $\frac{1}{4}$



I, GERARD H. PESMAN, CERTIFY THAT THIS PLAT IS PLOTTED FROM
FIELD NOTES OF A SURVEY MADE BY ME ON SEPT. 19, 1963

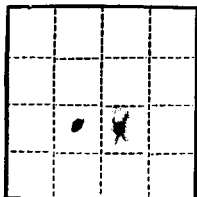
Gerard H. Pesman
UTAH REG. LAND SURVEYOR 1621

WELL SURVEY
FOR
GEORGE N. LARSEN
CONTINENTAL BANK BUILDING
SALT LAKE CITY, UTAH
BY
GERARD H. PESMAN
711 No. 7TH - GRAND JCT. - COLO.
9/19/63

Copy to HHC

Form 9-331a
(Feb. 1951)

Budget Bureau No. 42-R358.4.
Form Approved.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office
Lease No. ~~U-084981~~
Unit U-084981

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Government September 19, 1963
Well No. #1 is located 1900 ft. from N line and 1900 ft. from W line of sec. 11
N4-S4 20 N 23 E 31 N
($\frac{1}{4}$ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
South Glens Springs Grand Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is ft. (will be furnished with plat)

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set three strings of surface casing or approximately ^{150'} 40 feet of 7" J55 casing, with shoe. Circulate cement to surface by pump and plug method. will drill to a TD of approximately 2400 feet in order to test the Mancos shale, Dakota, Morrison and Entrada Formations. If commercial production obtained, we will run & cement 4 1/4" casing to top of pay, cement with 35 sacks

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company George H. Larson
Address Continental Bank Building
Salt Lake City, Utah

By George H. Larson
Title _____

September 20, 1963

George N. Larsen
Continental Bank Building
Salt Lake City, Utah

Dear Mr. Larsen:

This is to acknowledge receipt of your notice of intention to drill Well No. Government #1, which is to be located 1980 feet from the south line and 1980 feet from the west line of Section 11, Township 20 South, Range 23 East, SLEM, Grand County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted in accordance with the Order issued in Cause #2, on June 28, 1956. However, this approval is conditional upon a plat being furnished this office in accordance with Rule C-4(a), General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil & Gas Conservation Commission, and also setting 150 feet of surface casing. Incidentally, it should be pointed out that if you complete this well as a producible oil well, you are prohibited by the Order in Cause #2 from drilling any additional wells in this 40 acres without requiring a hearing on this matter.

As soon as you have determined that it will be necessary to plug and abandon the above mentioned well, you are hereby requested to immediately notify the following:

PAUL W. BURCHILL, Chief Petroleum Engineer
Office: DA 8-5771 or DA 8-5772
Home: CR 7-2890
Salt Lake City, Utah

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Enclosed please find Form OGCC-8-X, which is to be

George N. Larsen

-2-

September 20, 1963

completed if water sands (aquifers) are encountered while drilling, particularly assessable near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:cnf

cc: Don Russell, District Engineer
U. S. Geological Survey
Salt Lake City, Utah

H. L. Coonts, Petroleum Engineer
Oil & Gas Conservation Commission
Moab, Utah

CMB

GEORGE N. LARSEN
CONTINENTAL BANK BUILDING
SALT LAKE CITY 1, UTAH

P. O. Box 844
September 23, 1963

ATTORNEY AND COUNSELOR

Mr. C. B. Feight, Executive Director
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

Thank you for your letter of September 20 advising approval to drill George Larsen Federal #1 Well to be located 1980 feet from the South line and 1980 feet from the West line of Section 11, Township 20 South, Range 23 East, S.L.B.M., Grand County, Utah.

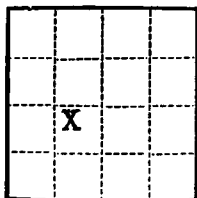
Enclosed for your files is a copy of the survey made by Gerard H. Pesman of Grand Junction, Colorado, showing the plat location of the well, together with two copies of the Notice of Intention to Drill as finally approved by the Bureau of Land Management last Friday. Minor changes were necessary to pick up a correct lease number and to make satisfactory arrangements for casing the well in the event that production is obtained. I trust these will be satisfactory with you.

We will make every effort to comply with your regulations and reporting requirements as our work progresses. Thank you for your cooperation.

Very truly yours,


GEORGE N. LARSEN

GNL:sw
encls.



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau No. 42-R358.4.
Form Approved.

Land Office Salt Lake City
U 084981
Lease No. _____
Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	X	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

Oct. 1, 1963

George Larsen
Well No. 1 is located 1980 ft. from N line and 1980 ft. from E line of sec. 11
CNE 1/4 SW 1/4 Sec. 11 20S 23E SLM
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Grand Utah
(Field) (County or Subdivision) (State or Territory)

~~Corrected Ground~~
The elevation of the ~~derrick floor~~ above sea level is 4746 ft. Datum on
Kelly Bushing 5ft. above
ground level or 4751

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Verbal Permission Granted 7 P.M. Sept. 30, 1963

5 sacks at top of surface casing - to marker
7 sacks 175 up into surface casing (175 to 125)
20 sacks from 1650 to 1550
15 sacks from 1790 to 1710
15 sacks from 2080 to 2000
20 sacks from 2383 to 2278

All zones filled between plugs with mud

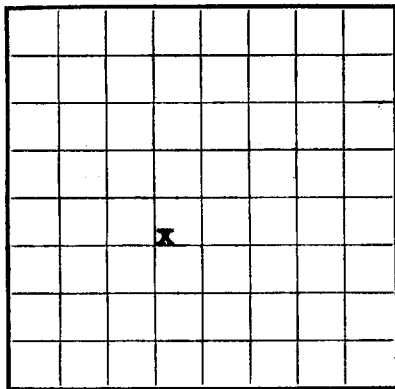
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company George N. Larsen

Address 1119 Continental Bank Building
Salt Lake City, Utah

By George N. Larsen
Title _____

U. S. LAND OFFICE Salt Lake
SERIAL NUMBER U-084981
LEASE OR PERMIT TO PROSPECT _____



LOCATE WELL CORRECTLY

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company George N. Larsen Address Continental Bank Building, Salt Lake
Lessor or Tract George N. Larsen Field _____ State Utah Lake _____
Well No. 1 Sec. 11 T. 20S R. 23E Meridian SLM County Grand
Location 1980 ft. N. of S Line and 1980 ft. E. of W Line of Sec. 11 Elevation 4751 K.B.
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed _____

Date _____

Title _____

The summary on this page is for the condition of the well at above date.

Commenced drilling Sept 21, 1963 Finished drilling Oct 1, 1963

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from None to _____ No. 4, from _____ to _____
No. 2, from _____ to _____ No. 5, from _____ to _____
No. 3, from _____ to _____ No. 6, from _____ to _____

REPORT ALL INDICATIONS OF FRESH WATER IMPORTANT WATER SANDS No fresh water

No. 1, from 1575 to 1640 No. 3, from 1542 to 1580
No. 2, from 1655 to 1630 No. 4, from 2352 to 2383 TD

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
7"	15.5	8	AMERICAN	155	PIPE	1575			TO PROTECT

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
7"	161.6 KB	25	Circulated	None	

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Denth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 2783 TD feet, and from _____ feet to _____ feet

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

_____, 19____ Put to producing 7-30-30 P.A., 19____

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours _____ Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, Driller _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
Surface	1575	1575	Mancus Shale
1575	1640	65	Dakota Sand and Shale
1640	2055	385	Morrison (Cedar Mt-Brushy Basin)
2055	2085	30	Morrison - Salt Wash
2085	?		Morrison - Salt Wash
?	2353		Summerville - Curtis
2353	2383	30	Entrada
FROM—	TO—	TOTAL FEET	FORMATION

FORMATION RECORD—CONTINUED

16-48094-5

1961 OCT 4 100

PROCESSED BY: 20 45-15322-1
7-10-1961

October 2, 1963

MEMO FOR FILING:

Re: George N. Larsen
George Larsen Federal #1
Sec. 11, T. 20 S. R. 23 E.,
Grand County, Utah

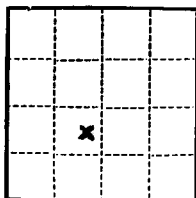
On September 30, 1963, I approved the following plugging program on the above well:

<u>Top</u>	<u>Depth</u>	<u>Plugs</u>
Total Depth	2383'	2383'-2283' 20 sacks
Entrada	2365	
Salt Wash	2151'	2100'-2000' 15 sacks
Morrison Sand	1900'	
Morrison Sand	1790'	1840'-1740' 15 sacks
Morrison Sand	1700'	
Dakota Sandstone	1575'-1640'	1650'-1550' 20 sacks
Surface pipe	154'	175'-125' 7 sacks
Surface plug		5 sacks

HARVEY L. COONT'S
PETROLEUM ENGINEER

HLC:kgw

cc: Don Russell, Dist. Eng.,
U. S. Geological Survey
Salt Lake City, Utah



Copy H. L. E.

Budget Bureau No. 42-R358.4.
Form Approved.

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City

Lease No. U-084981

Unit _____

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT..... X
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....	

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 8, 1963

Well No. George Larsen #1 is located 1980 ft. from N line and 1980 ft. from E line of sec. 11

C-NE 1/4 Sec. 11 20 S. 23 E. S.L.M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Grand Utah
(Field) (County or Subdivision) (State or Territory)

Corrected - Ground
The elevation of the ~~datum~~ datum above sea level is 4746 ft. Datum on Kelly Bushing 5 ft. above ground level of 4751

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

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15 sacks from 2080 to 2000
20 sacks from 2383 to 2278

All zones filled between plugs with mud.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company George N. Larsen
1119 Continental Bank Building
Address Salt Lake City, Utah

By *George N. Larsen*
Title _____

610
PML
PW

GEORGE N. LARSEN

CONTINENTAL BANK BUILDING

SALT LAKE CITY 1, UTAH

P. O. Box 844

October 10, 1963

ATTORNEY AND COUNSELOR

Mr. Cleon B. Feight, Executive Director
Utah Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Dear Mr. Feight:

Enclosed herewith please find copy of report, Subsequent
Report of Abandonment.

Very truly yours,


GEORGE N. LARSEN

GNL:sw
encl. 1

D.

GEORGE N. LARSEN

CONTINENTAL BANK BUILDING

SALT LAKE CITY 1, UTAH

P. O. Box 844

October 16, 1963

ATTORNEY AND COUNSELOR

Mr. Cleon B. Feight, Executive Director
Oil and Gas Conservation Commission
310 Newhouse Building
10 Exchange Place
Salt Lake City 11, Utah

Re: Lease U-084981 - Well No. 1
Section 11, T 20 S, R 23 E
Grand County, Utah

Dear Mr. Feight:

Enclosed for your records is a copy of the Gamma Ray-Neutron
Log completed on the dry hole recently drilled on the above
lease.

If I can be of further service, kindly advise.

Very truly yours,


GEORGE N. LARSEN

GNL:sw
encl.